INTERNATIONAL SEARCH REPORT

International Application No PCT/DK2004/000296

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01Q1/50 H01P1/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{H01P} & \mbox{H01Q} & \mbox{H01L} & \mbox{H05K} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 508 873 A (KNAPP WALTER ET AL) 16 April 1996 (1996-04-16) column 1, line 11 - line 13 column 3, line 16 - line 35; figure 1 column 3, line 56 - line 67 column 4, line 26 - line 41	1-12
X	US 2002/135963 A1 (PAGLIUCA EMANUEL J) 26 September 2002 (2002-09-26) paragraph '0002! paragraphs '0020! - '0022!; figures 1-3 paragraphs '0028!, '0029!	1
Α	US 4 887 180 A (CLIMENT JEAN-PIERRE ET AL) 12 December 1989 (1989-12-12) column 3, line 54 - line 60; figure 1 column 4, line 6 - line 13	1

Y Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the International filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filling date but later than the priority date claimed 	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
11 August 2004	19/08/2004
Name and malling address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer
NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Pastor Jiménez, J-V

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C.(Continua	INTERNATION DOCUMENTS CONSIDERED TO BE RELEVANT	l	TC17DK20047000296	
ategory °	Citation of document, with Indication, where appropriate, of the relevant passages		Relevant to claim No.	
	US 5 844 766 A (MIGLIOLI LORENZO) 1 December 1998 (1998-12-01) column 1, line 6 - line 10 column 2, line 57 - column 3, line 13		1,12	
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/DK2004/000296

Patent document clted in search report		Publication date	Patent family member(s)		Publication date	
US 5508873	Α	16-04-1996	CA	2169604 A1	01-02-1997	
US 2002135963	A1	26-09-2002	NONE	·		
US 4887180	A	12-12-1989	FR FR DE EP	2616979 A1 2616978 A1 3864328 D1 0296054 A1	23-12-1988 23-12-1988 26-09-1991 21-12-1988	
US 5844766	Α	01-12-1998	NONE			